

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1. (Previously Presented) A method for providing entry node location information to a service provider in a wireless telecommunication system, comprising
receiving a radio frequency acknowledgment from a wireless device at a wireless telecommunications entry node;
receiving a subscriber data packet from the wireless device at the wireless telecommunications system entry node;
extracting resource identification information from call record data and forwarding said resource identification information to a service provider host; and
sending resource identification information for the entry node to a service provider based on the radio frequency acknowledgment;
wherein the location of the entry node is determined based on the resource identification information from the entry node, wherein determining the location of the entry node based on the resource identification information from the entry node includes extracting the location of the entry node from the resource identification information without querying a database in communication with the entry node, the database storing location information.
2. (Previously Presented) The method of Claim 1, further comprising determining the number of service provider subscribers operating in the location of the entry node.
3. (Previously Presented) The method of Claim 2, further comprising modifying data transmitted to the subscribers to reduce overburdening components of the telecommunications system based on the number of the subscribers operating in the location of the entry node.

4. (Previously Presented) The method of Claim 3, wherein modifying the data further comprising altering the frequency, volume and content of data transmitted to the subscribers based on the number of the subscribers operating in the location of the entry node.

5. (Previously Presented) The method of Claim 1, further comprising sending entry node location information to service provider subscribers operating in the location of the entry node.

6. (Previously Presented) The method of Claim 5, wherein sending entry node location information to service provider subscribers includes sending commercial and non-commercial information related to an area covered by the entry node.

7. (Previously Presented) The method of Claim 1, further comprising sending entry node location information to third party subscribers of location information on operators of wireless devices located within a service area of the wireless telecommunications system entry node.

8. (Canceled)

9. (Previously Presented) The method of Claim 1, after receiving the subscriber data packet at the wireless telecommunications system entry node the method further comprising:

creating a traffic log at the entry node including resource identification information on the entry node; and

sending the traffic log, the subscriber data packet, and a positive acknowledgement from the entry node to a mobile switch.

10-12. (Canceled)

13. (Previously Presented) A mobile switch for providing entry node location information to a service provider in a wireless telecommunications system, comprising:

- means for receiving a subscriber data packet and a radio frequency acknowledgement from a wireless device to a wireless telecommunications system entry node;
- means for sending resource identification information for the entry node to the service provider based on the radio frequency acknowledgment through the wireless telecommunications entry node; and
- means for extracting resource identification information from call record data and forward said resource identification information to a service provider host, wherein the forward resource identification information is used to determine the location of the entry node, wherein the location of the entry node is determined by extracting the location of the entry noted from the resource identification information without querying a database in communication with the entry node, the database storing location information.

14. (Previously Presented) The mobile switch of Claim 13, further comprising a service provider host operative

- to determine the location of the entry node based on the resource identification information from the entry node;
- to determine the number of service provider subscribers operating in the location of the entry node; and
- to modify data transmitted to the subscribers to reduce overburdening components of the telecommunications system based on the number of the subscribers operating in the location of the entry node.

15. (Previously Presented) The mobile switch of Claim 14, wherein the service provider host is further operative to modify the frequency, speed, volume and content of data transmitted to the subscribers based on the number of the subscribers operating in the location of the entry node.

16. (Previously Presented) The mobile switch of Claim 14, wherein the service provider host is further operative

to send entry node location information to service provider subscribers operating in the location of the entry node.

17. (Canceled)

18. (Previously Presented) The mobile switch of Claim 13, wherein the entry node is a wireless telecommunications system antenna site and is operative

to create a traffic log including resource identification information on the entry node; and

to send the traffic log, the subscriber data packet, and a positive acknowledgement to the mobile switch.

19. (Previously Presented) A method for providing entry node location information to a service provider in a wireless telecommunication system, comprising

receiving an acknowledgement and a subscriber data packet from a wireless device at a wireless telecommunications system entry node;

at the entry node, creating a traffic log, including resource identification information on the entry node;

extracting the resource identification information from the traffic log; and
sending the subscriber data packet, a positive acknowledgement and the extracted resource identification information from the entry node to a service provider;

wherein the location of the entry node is determined based on the resource identification information by extracting the location of the entry node from the resource identification information without querying a database in communication with the entry node, the database storing location information.

20. (Previously Presented) The method of Claim 19, further comprising,

at the service provider, determining the number of service provider subscribers operating in the location in the entry.

21. (Previously Presented) The method of Claim 20, further comprising modifying data transmitted to the subscribers to reduce overburdening components of the telecommunications system based on the number of the subscribers operating in the location of the entry node.

22. (Previously Presented) The method of Claim 19, wherein sending entry node location information to service provider subscribers includes sending commercial and non-commercial information related to an area covered by the entry node.